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RAW SEQUENCE LISTING

DATE: 08/23/2001

PATENT APPLICATION: US/09/924,824

TIME: 15:09:26

Input Set : A:\20183Y SEQLIST.txt

Output Set: N:\CRF3\08162001\I924824.raw

4 <110> APPLICANT: Merck & Co., Inc.
5 Feng, Dong-Mei
7 <120> TITLE OF INVENTION: CONJUGATES USEFUL IN THE TREATMENT OF
8 PROSTATE CANCER
10 <130> FILE REFERENCE: 20183Y
12 <140> CURRENT APPLICATION NUMBER: US/09/924,824
12 <141> CURRENT FILING DATE: 2001-08-08
12 <150> PRIOR APPLICATION NUMBER: 60/076,860
13 <151> PRIOR FILING DATE: 1998-03-05
15 <160> NUMBER OF SEQ ID NOS: 108
17 <170> SOFTWARE: FastSEQ for Windows Version 3.0
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 7
21 <212> TYPE: PRT
22 <213> ORGANISM: Artificial Sequence ✓
24 <220> FEATURE:
25 <223> OTHER INFORMATION: completely synthetic amino acid sequence ✓
27 <400> SEQUENCE: 1
28 Asn Lys Ile Ser Tyr Gln Ser
29 1 5
31 <210> SEQ ID NO: 2
32 <211> LENGTH: 6
33 <212> TYPE: PRT
34 <213> ORGANISM: Artificial Sequence ✓
36 <220> FEATURE:
37 <223> OTHER INFORMATION: completely synthetic amino acid sequence ✓
39 <400> SEQUENCE: 2
40 Lys Ile Ser Tyr Gln Ser
41 1 5
43 <210> SEQ ID NO: 3
44 <211> LENGTH: 7
45 <212> TYPE: PRT
46 <213> ORGANISM: Artificial Sequence ✓
48 <220> FEATURE:
49 <223> OTHER INFORMATION: completely synthetic amino acid sequence ✓
51 <400> SEQUENCE: 3
52 Asn Lys Ile Ser Tyr Tyr Ser
53 1 5
55 <210> SEQ ID NO: 4
56 <211> LENGTH: 7
57 <212> TYPE: PRT
58 <213> ORGANISM: Artificial Sequence ✓
60 <220> FEATURE:
61 <223> OTHER INFORMATION: completely synthetic amino acid sequence ✓
63 <400> SEQUENCE: 4
64 Asn Lys Ala Ser Tyr Gln Ser
65 1 5

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67 <210> SEQ ID NO: 5
68 <211> LENGTH: 5
69 <212> TYPE: PRT
70 <213> ORGANISM: Artificial Sequence ✓
72 <220> FEATURE:
73 <223> OTHER INFORMATION: completely synthetic amino acid sequence ✓
75 <400> SEQUENCE: 5
76 Ser Tyr Gln Ser Ser
77 1 5
79 <210> SEQ ID NO: 6
80 <211> LENGTH: 5
81 <212> TYPE: PRT
82 <213> ORGANISM: Artificial Sequence ✓
84 <220> FEATURE:
85 <223> OTHER INFORMATION: completely synthetic amino acid sequence ✓
87 <400> SEQUENCE: 6
88 Lys Tyr Gln Ser Ser
89 1 5
91 <210> SEQ ID NO: 7
92 <211> LENGTH: 5
93 <212> TYPE: PRT
94 <213> ORGANISM: Artificial Sequence ✓
96 <220> FEATURE:
97 <223> OTHER INFORMATION: completely synthetic amino acid sequence ✓
99 <221> NAME/KEY: VARIANT
100 <222> LOCATION: (1)...(1)
101 <223> OTHER INFORMATION: homoarginine
103 <400> SEQUENCE: 7
W--> 104 Xaa Tyr Gln Ser Ser
105 1 5
107 <210> SEQ ID NO: 8
108 <211> LENGTH: 5
109 <212> TYPE: PRT
110 <213> ORGANISM: Artificial Sequence ✓
112 <220> FEATURE:
113 <223> OTHER INFORMATION: completely synthetic amino acid sequence ✓
115 <221> NAME/KEY: VARIANT
116 <222> LOCATION: (1)...(1)
117 <223> OTHER INFORMATION: homoarginine
119 <221> NAME/KEY: VARIANT
120 <222> LOCATION: (2)...(2)
121 <223> OTHER INFORMATION: cyclohexylalanine
123 <400> SEQUENCE: 8
W--> 124 Xaa Xaa Gln Ser Ser
125 1 5
127 <210> SEQ ID NO: 9
128 <211> LENGTH: 4
129 <212> TYPE: PRT
130 <213> ORGANISM: Artificial Sequence ✓

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132 <220> FEATURE:

133 <223> OTHER INFORMATION: completely synthetic amino acid sequence ✓

135 <400> SEQUENCE: 9

136 Tyr Gln Ser Ser

137 1

139 <210> SEQ ID NO: 10

140 <211> LENGTH: 4

141 <212> TYPE: PRT

142 <213> ORGANISM: Artificial Sequence ✓

144 <220> FEATURE:

145 <223> OTHER INFORMATION: completely synthetic amino acid sequence ✓

147 <400> SEQUENCE: 10

148 Tyr Gln Ser Leu

149 1

151 <210> SEQ ID NO: 11

152 <211> LENGTH: 4

153 <212> TYPE: PRT

154 <213> ORGANISM: Artificial Sequence ✓

156 <220> FEATURE:

157 <223> OTHER INFORMATION: completely synthetic amino acid sequence ✓

159 <221> NAME/KEY: MOD_RES

160 <222> LOCATION: (4)...(4)

161 <223> OTHER INFORMATION: (Nle) *OK*

163 <400> SEQUENCE: 11

164 Tyr Gln Ser Leu

165 1

167 <210> SEQ ID NO: 12

168 <211> LENGTH: 4

169 <212> TYPE: PRT

170 <213> ORGANISM: Artificial Sequence

172 <220> FEATURE:

173 <223> OTHER INFORMATION: completely synthetic amino acid sequence

175 <221> NAME/KEY: VARIANT

176 <222> LOCATION: (1)...(1)

177 <223> OTHER INFORMATION: cyclohexylglycine

179 <400> SEQUENCE: 12

W--> 180 Xaa Gln Ser Leu

181 1

183 <210> SEQ ID NO: 13

184 <211> LENGTH: 4

185 <212> TYPE: PRT

186 <213> ORGANISM: Artificial Sequence

188 <220> FEATURE:

189 <223> OTHER INFORMATION: completely synthetic amino acid sequence

191 <221> NAME/KEY: VARIANT

192 <222> LOCATION: (1)...(1)

193 <223> OTHER INFORMATION: cyclohexylglycine

195 <221> NAME/KEY: MOD_RES

196 <222> LOCATION: (4)...(4)

Nle is a modified version of Leu.

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197 <223> OTHER INFORMATION: Nle
199 <400> SEQUENCE: 13
W--> 200  Xaa Gln Ser Leu
201      1
203 <210> SEQ ID NO: 14
204 <211> LENGTH: 4
205 <212> TYPE: PRT
206 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: completely synthetic amino acid sequence
211 <400> SEQUENCE: 14
212  Ser Tyr Gln Ser
213      1
215 <210> SEQ ID NO: 15
216 <211> LENGTH: 4
217 <212> TYPE: PRT
218 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: completely synthetic amino acid sequence
223 <221> NAME/KEY: VARIANT
224 <222> LOCATION: (2)...(2)
225 <223> OTHER INFORMATION: cyclohexylglycine
227 <400> SEQUENCE: 15
W--> 228  Ser Xaa Gln Ser
229      1
231 <210> SEQ ID NO: 16
232 <211> LENGTH: 5
233 <212> TYPE: PRT
234 <213> ORGANISM: Artificial Sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: completely synthetic amino acid sequence
239 <400> SEQUENCE: 16
240  Ser Tyr Gln Ser Val
241      1          5
243 <210> SEQ ID NO: 17
244 <211> LENGTH: 5
245 <212> TYPE: PRT
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: completely synthetic amino acid sequence
251 <221> NAME/KEY: VARIANT
252 <222> LOCATION: (2)...(2)
253 <223> OTHER INFORMATION: clclohexylglycine
255 <400> SEQUENCE: 17
W--> 256  Ser Xaa Gln Ser Val
257      1          5
259 <210> SEQ ID NO: 18
260 <211> LENGTH: 5
261 <212> TYPE: PRT

```

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Input Set : A:\20183Y SEQLIST.txt

Output Set: N:\CRF3\08162001\I924824.raw

```

262 <213> ORGANISM: Artificial Sequence
264 <220> FEATURE:
265 <223> OTHER INFORMATION: completely synthetic amino acid sequence
267 <400> SEQUENCE: 18
268 Ser Tyr Gln Ser Leu
269 1 5
271 <210> SEQ ID NO: 19
272 <211> LENGTH: 5
273 <212> TYPE: PRT
274 <213> ORGANISM: Artificial Sequence
276 <220> FEATURE:
277 <223> OTHER INFORMATION: completely synthetic amino acid sequence
279 <221> NAME/KEY: VARIANT
280 <222> LOCATION: (2)...(2)
281 <223> OTHER INFORMATION: cyclohexylglycine
283 <400> SEQUENCE: 19
W--> 284 Ser Xaa Gln Ser Leu
285 1 5
287 <210> SEQ ID NO: 20
288 <211> LENGTH: 6
289 <212> TYPE: PRT
290 <213> ORGANISM: Artificial Sequence
292 <220> FEATURE:
293 <223> OTHER INFORMATION: completely synthetic amino acid sequence
295 <221> NAME/KEY: VARIANT
296 <222> LOCATION: (1)...(1)
297 <223> OTHER INFORMATION: cyclic amino acid substituted with a hydrophilic
298 moiety
300 <221> NAME/KEY: VARIANT
301 <222> LOCATION: (2)...(2)
302 <223> OTHER INFORMATION: any amino acid
304 <400> SEQUENCE: 20
W--> 305 Xaa Xaa Ser Tyr Gln Ser
306 1 5
308 <210> SEQ ID NO: 21
309 <211> LENGTH: 6
310 <212> TYPE: PRT
311 <213> ORGANISM: Artificial Sequence
313 <220> FEATURE:
314 <223> OTHER INFORMATION: completely synthetic amino acid sequence
316 <221> NAME/KEY: VARIANT
317 <222> LOCATION: (1)...(1)
318 <223> OTHER INFORMATION: cyclic amino acid substituted with a hydrophilic
319 moiety
321 <221> NAME/KEY: VARIANT
322 <222> LOCATION: (2)...(2)
323 <223> OTHER INFORMATION: any amino acid
325 <400> SEQUENCE: 21
W--> 326 Xaa Xaa Lys Tyr Gln Ser

```

Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/924,824

DATE: 08/23/2001

TIME: 15:09:27

Input Set : A:\20183Y SEQLIST.txt

Output Set: N:\CRF3\08162001\I924824.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:104 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:180 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:256 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:284 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:305 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:326 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:351 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:380 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:397 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:422 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:443 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:471 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:499 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:527 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:555 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:571 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:591 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:619 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:647 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:663 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
L:683 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:699 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:715 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44
L:731 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:747 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:763 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:779 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:795 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:811 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:827 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51
L:843 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:863 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
L:883 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:899 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55
L:915 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56
L:935 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:955 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:975 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:995 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60
L:1015 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61
L:1035 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62
L:1055 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63
L:1075 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64

VERIFICATION SUMMARY

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Input Set : A:\20183Y SEQLIST.txt

Output Set: N:\CRF3\08162001\I924824.raw

L:1091 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65
L:1107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66
L:1127 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67
L:1147 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68